

# BD Sterilization Facility Sandy, Utah

Learn More At: <https://etosafety.bd.com/>



## Serving Patient Needs

BD's facility in Sandy, Utah is the **world's largest producer of IV lines** as well as other vascular products critical for patient care. To protect patients from the risks of infectious diseases caused by bacteria, viruses, and fungi, **the FDA requires the sterilization of medical devices**, including IV lines and similar clinical products.

In the final stage of manufacturing IV lines in Sandy, BD must use ethylene oxide gas (EtO) for sterilization. **EtO is the only type of sterilization that can be used for IV lines and other sensitive medical products.** Other sterilization methods (eg. radiation, steam, chloride dioxide, vaporized hydrogen peroxide) will damage the products or are unable to ensure the required level of sterility.

## Going Beyond Compliance

BD is committed to the **safe and responsible operation** of our medical sterilization facilities. BD's facility in Sandy **complies with all applicable regulatory requirements**, including regulations from EPA, OSHA, Utah DEQ and FDA, and is in full compliance with all local permits. BD is working with FDA and other industry leaders to develop new sterilization cycles that use less EtO, and therefore produce fewer emissions.

BD's Sandy sterilization facility currently uses the **best available EtO emission control technology in the industry**, achieving **>99.95% destruction of EtO**. This level of EtO emissions control goes well **beyond what is currently required under the Clean Air Act**. Additionally, BD is voluntarily making significant investments to upgrade emissions controls at the facility in Sandy to ensure the facility continues to operate **below new EPA risk threshold standards for EtO emissions**.

## Investing in Safety

**BD is the industry leader in developing and implementing capture and control technologies to reduce EtO emissions in our sterilization facilities.** The latest emissions controls were installed in our facilities in Georgia and after they proved to be effective and reliable, BD began installing similar systems at all of our EtO sterilization facilities nationwide.

BD is **voluntarily investing \$15 million** to install new equipment in the post-sterile warehouse section of the facility in Sandy using a state-of-the-art capture and treatment system for emissions. Construction is underway and these additional systems are targeted to be operational in Sandy within the next year.

## At a Glance

**50%** of all medical products use EtO for sterilization.

**Less than 1%** of all EtO used for industrial purposes is used for medical product sterilization.

BD's Sandy facility is the **World's Largest** producer of IV lines.

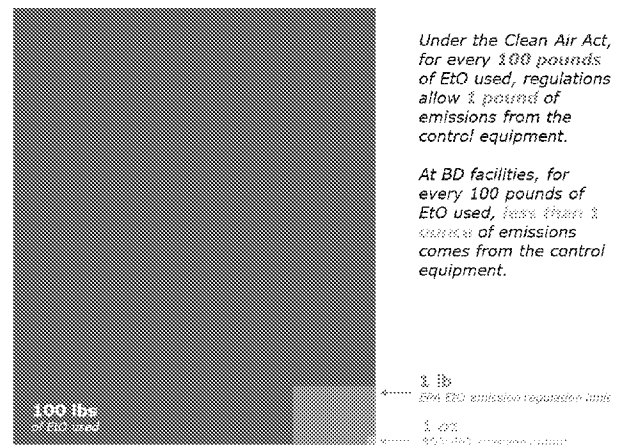
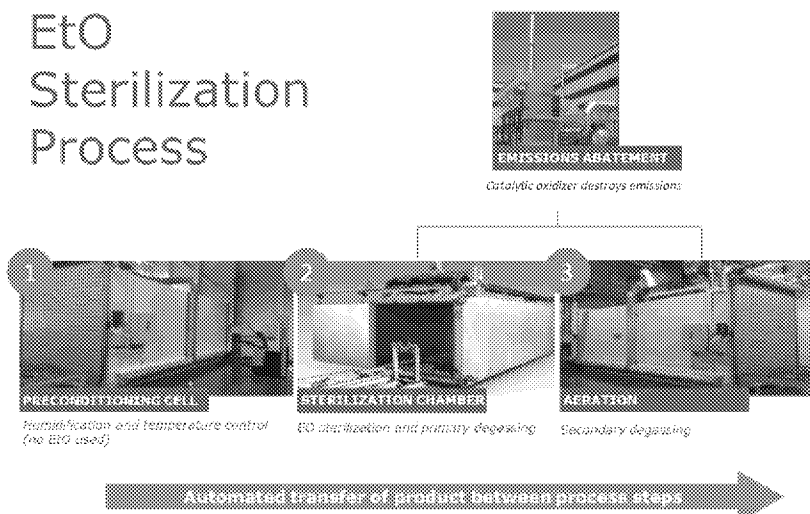
The **ONLY** option to sterilize Sandy IV lines is EtO.

The Sandy facility is **20 times** more efficient at removing EtO than currently required by the Clean Air Act.

BD has operated in Sandy for more than **60 years** and employs **1,100 employees** with an annual payroll of more than **\$100 million**.

## BD's Sandy Facility Performance vs. Clean Air Act Requirements:

## EtO Sterilization Process



BD is one of the largest medical technology companies in the world and has been a responsible member of the Sandy community for more than 60 years. BD manufactures hundreds of millions of products every year in Utah to support essential health care procedures and patient care across the state and around the world. The company operates in a safe and responsible manner and is a significant contributor to the Salt Lake City area.